



F-45R | HIGH SPEED DOUBLE ROTARY TABLET PRESS

WITH PRE-COMPRESSION 1 TONS & MAIN COMPRESSION 10 TONS
45 STN "D" Tooling / 61 STN "B" Tooling / 75 STN "BB" Tooling
Maximum Output - 5,40,000 Tablets/ Hour
AUTO WEIGHT THROUGH COMPACTION FORCE CONTROL
AUTO TABLET REJECTION THROUGH COMPACTION FORCE CONTROL
21 CFR part 11 compliace



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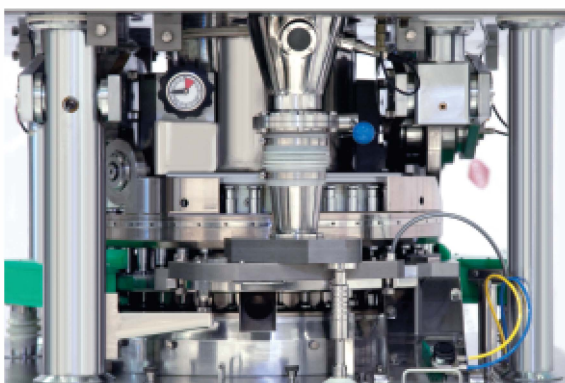
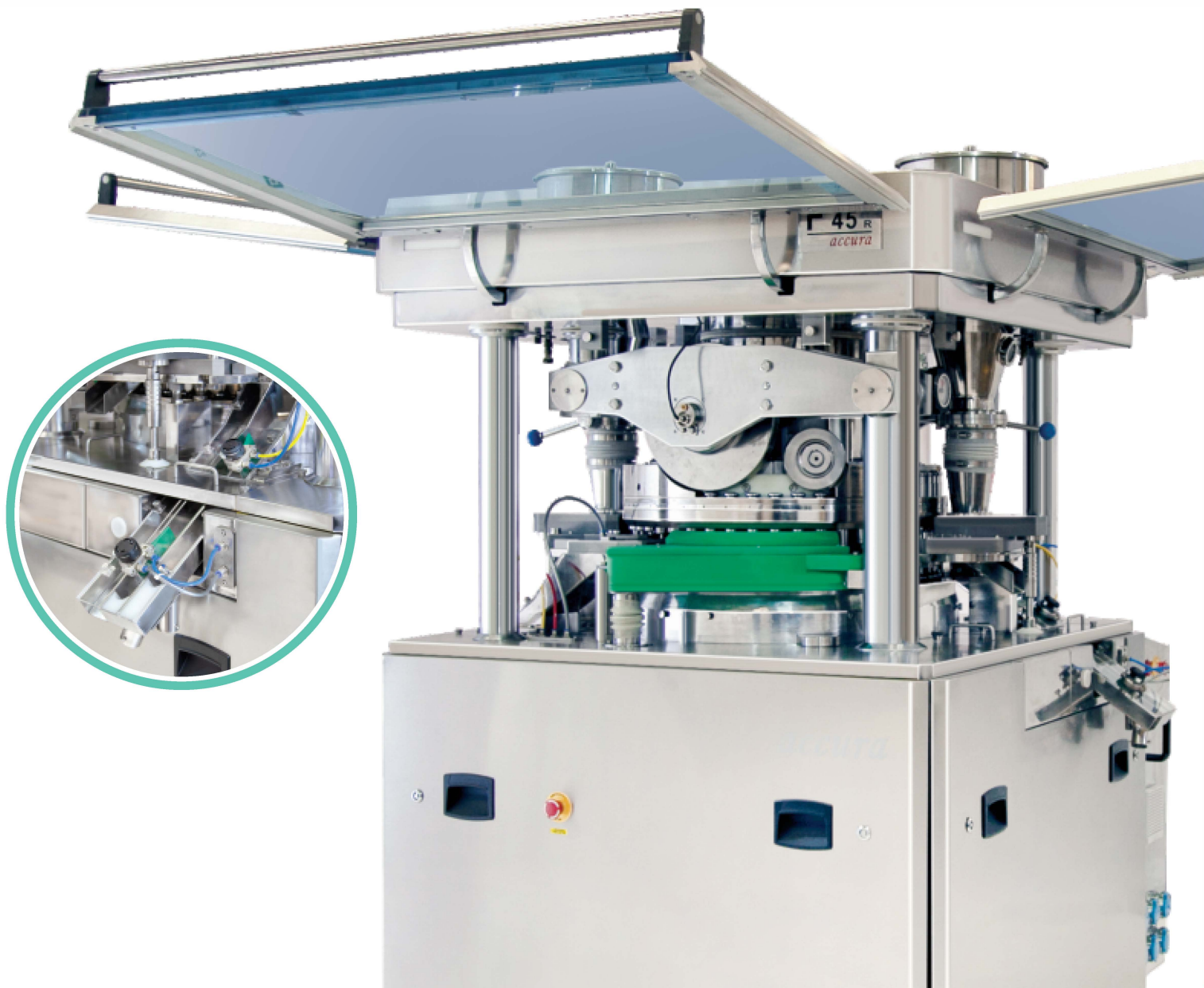
SALIENT FEATURES

- It is a High speed Double Rotary Tablet Press for higher tablet output.
- In Compliance with cGMP.
- Specially designed heavy C.I. Structure.
- The machine is having Helical gear ring & pinion gear, to drive the turret.
- With AC Variable Drive & Electro magnetic clutch.
- 3 Piece Turret With Die - Table SS-316 & Upper & Lower Piece Electro-Less Nickel Plated.
- Motorized Lower Pre- Compression of 01 TONS. (10 KN)
- Motorized Tablet Thickness for Lower side Main Compression.
- Manually Upper Pre- Compression .
- Motorized Upper Punch Penetration for Main Compression of 10 TONS. (100 KN)
- Motorized Dozzer, for precise Depth of Fill adjustment for each Layer.
- Ejection Force Monitoring Available with CFC System. (Optional)
- Motorized force feeder with Zero Clearance, Two Paddles Force Feeding System.
- AC Variable Drive Force Feeding System.
- Load cell at Upper Punch Penetration Main Compression
- Vibration free and easy to operate at 60 RPM.
- Upper Punch entry 1.5mm to 8mm.
- Machine is Four Sided open with Upper Guards, Operating Panel is Separate.
- The machine having Motorized Hydraulic Power-pack for pressure loading and overload release.
- With interlock switches to all upper guards.
- Encoder System for Better Accuracy
- Dial -less Operation
- Power Main motor 15 Hp.
- Bi-Layer System (Optional)

Operating Peripheral

- Auto weight control available through Compaction force.
- 21 CFR part 11 Compliance.
- Multi users password and user authorization.
- Individual users access rights.
- Encoder for counting all the parameters.
- Individual tablet rejection(beyond weight) through compaction force.
- **"accura"** mode for eliminating weight variation at higher speed.
- 15" touch screen IPC for operating system.
- Feeder synchronization.
- Initial tablet rejection during start / stops.
- Production Mode / Set up mode.
- Manual Run/Jog Run / Auto Run.
- Pre compression punch force. (Individual station)
- Main Compression punch force. (Individual station)
- Auto Sampling Mode.
- Based on Time/Punches or No. of tablets.
- Auto Lubrication.
- Recipe creation/download/Edit option.
- Various type of prints reports.
- Audit reports and history.
- Individual punch force details.
- Auto printing option.
- Server integration option available.





Safety features

- Emergency Stops alarm.
- Motors overload precaution.
- AC VFD overload precaution.
- Servo motors movement notification.
- Servo motors safety precaution.
- Fill cam identification.
- Tablet Rejection control alarm.
- High Tablet rejection notification.
- Guards interlock.
- Lubrication oil level identification
- Low powder level
- Encoder position disturb alarm.
- Individual compaction force higher alarm.
- Hand wheel guard notification.



Single Layer



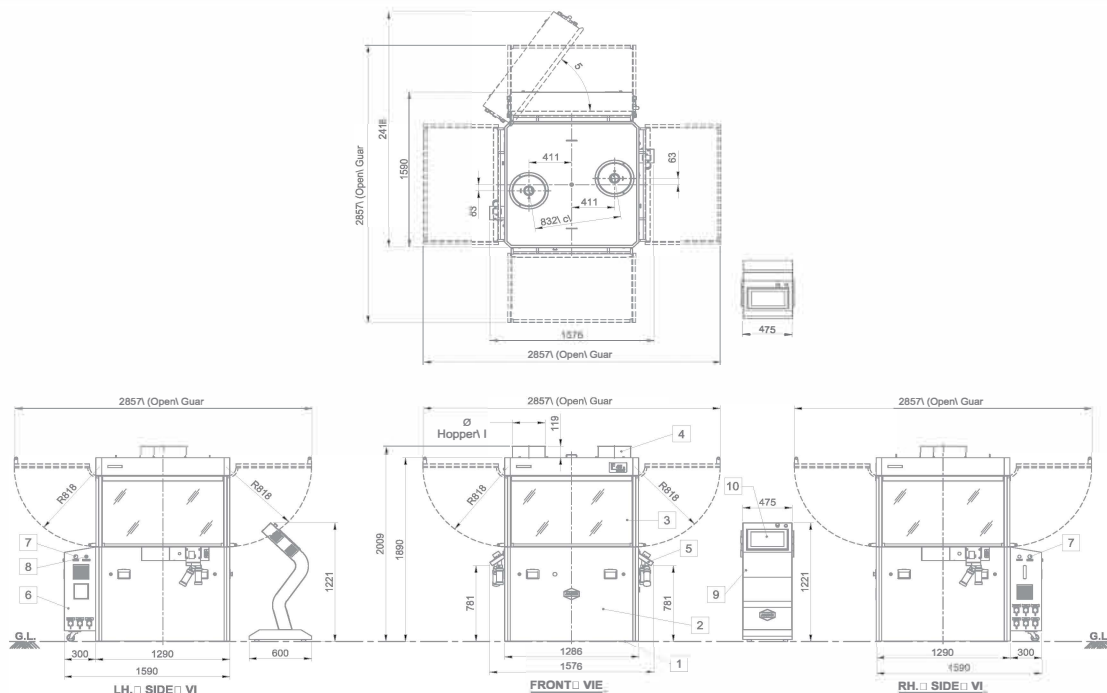
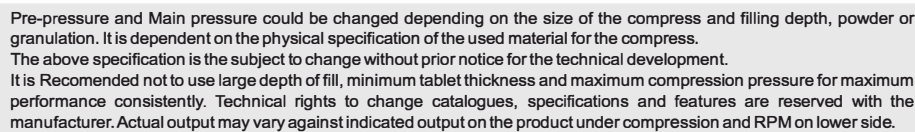
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TYPE	ACCURA F 45 R		
Number of Station	45	61	75
Type of tooling	D	B	BB
Output-tablets/hour (Min / Max.) (Single Layer)	64800 / 324000	87840 / 439200	108000 / 540000
Output-tablets/hour (Min / Max.) (Bi Layer)	32400 / 81000	43920 / 109800	54000 / 135000
Turret RPM (Min./Max.) (Single Layer)	12 / 60		
Turret RPM (Min./Max.) (Bi Layer)	12 / 30		
Max. operating pressure-Main (kN)	100	100	100
Max. Operating Pre. Pressure-Tamp.(kN)	10	10	10
Max. Tablet Diameter (mm)	25	16	11
Max. Tablet Thickness (mm)	8.5	8.5	8.5
Max. Depth of fill (mm)	20	17.4	17.4
Upper punch entry	1.5 to 8 mm		
Main Ele. Motor (kw/hp)	11kw/15hp x 1440 RPM		
Lower Pre.Comp. Servo Motor (kw/hp)	0.75/1.0 x 3000 RPM x 2 Nos. = 1.50 / 2.0 kw/hp		
Tablet Thickness Servo Motor (kw/hp)	0.75/1.0 x 3000 RPM x 2 Nos. = 1.50 / 2.0 kw/hp		
Upper Punch Penetration Servo Motor (kw/hp)	0.75/1.0 x 3000 RPM x 2 Nos. = 1.50 / 2.0 kw/hp		
Weight Adj. Servo Motor (kw/hp)	0.75/1.0 x 3000 RPM x 2 Nos. = 1.50 / 2.0 kw/hp		
Feeder Ele. Motor (kw/hp)	0.19kw/0.25hp x 1440 RPM x 2 Nos. = 0.38 / 0.5 kW/hp		
Power Pack Ele. Motor (kw/hp)	0.75kw/1.0hp x 1440 RPM		
Hopper Capacity	25 Litres		
Overall dimensions close guard-cm	158 W x 150 L x 190 H		
Overall dimension Open guard -cm	250 W x 250 L x 227 H		
Case dimensions (cm)	320 W x 310 L x 245 H		
Net weight (kg)	3800 Kg.		
Gross weight(kg)	4150 Kg.		
Utilities :	1) Suction Air :-	300 CFM	
	2) Power Supply :-	(a) 415 V, 3 Phase, 50 Hz	
		(b) 480 V, 3 Phase, 60 Hz	
		(c) 220 V, 3 Phase, 60 Hz	
	4) Power-Total (kw/hp) :-	18.13kW / 24.5hp	

* Depending upon material characteristic & available room atmosphere only.
NOTE : DUE TO CONTINUOUS IMPROVEMENTS IN THE MACHINERIES, SPECIFICATION OF THE MACHINERIES IS SUBJECT TO CHANGE WITHOUT ANY PRIOR NOTICE.



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